

ABSTRACT OF THE DISCLOSURE

[0069] The present invention is directed to a method and apparatus for providing higher bandwidth access to the internet. A terrestrial forward path is established between an end-user and a Wireless Hub. A wireless terrestrial reverse path is then established between the Wireless Hub and the end-user. The end-user accesses the Wireless Hub using a proxy address of a master server located in the Wireless Hub. The master server controls a slave server which retrieves internet content and provides it back to the master server. The internet content is compressed into an MPEG compliant transport stream, modulated on an intermediate frequency and then up-converted. The signal is composed by using the Mac address and the TCP/IP address of several end-user systems to delimit the internet content requested by the end-user. The signal is then broadcast back to all the end-users simultaneously. The end-users receive the broadcasted signal and then down-convert, demodulate and decompress the signal. The information content requested by the end-user is then accessed, using the Mac address and the TCP/IP address.